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<http://hdl.handle.net/10026.1/14993>

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Bibliographic data: EP2795690 (A1) — 2014-10-29

ELECTRON TUNNELING APPARATUS AND ASSOCIATED METHODS

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Classification: - international: **B82Y15/00**; **G01J1/44**; **H01L45/00**
- cooperative: **H01L31/022408 (EP, US)**; **H01L31/1085 (EP, US)**; **H01L45/00 (EP, US)**; **H01L2031/0344 (EP, US)**

Application number: EP20120859028 20121120 [Global Dossier](#)

Priority number(s): [US201113336589 20111223](#) ; [WO2012FI51145 20121120](#)

Also published as: [EP2795690 \(A4\)](#) [CN104011891 \(A\)](#) [CN104011891 \(B\)](#) [US2013162333 \(A1\)](#) [US9202945 \(B2\)](#) [more](#)

Abstract not available for EP2795690 (A1)

Abstract of corresponding document: US2013162333 (A1)

An apparatus including first and second layers of electrically conductive material separated by a layer of electrically insulating material, wherein one or both layers of electrically conductive material include graphene, and wherein the apparatus is configured such that electrons are able to tunnel from the first layer of electrically conductive material through the layer of electrically insulating material to the second layer of electrically conductive material.

